

CV – prof. univ. dr. MUNTEAN MIHAELA
Universitatea de Vest din Timisoara

C.1 CURRICULUM VITAE

Personal information

Name, Surname:	Muntean, Mihaela		
Date of birth:		Sex:	F
Nationality:	Romanian		
Researcher unique identifier(s) (ORCID, Researcher ID etc.):	https://orcid.org/0000-0001-8428-4415		
URL for personal website (if case):	https://scholar.google.com/citations?user=wwOf-18AAAAJ&hl=ro		

Education

Year	Faculty/department - University/institution – Country
2009 (Ph.D. thesis defended)	Ph.D. in Cybernetics and Statistics (Business informatics)– Faculty of Economics and Business Administration – Babeş - Bolyai University Cluj-Napoca – Romania
1998 (Ph.D. thesis defended)	Ph.D. in Technical science – Faculty of Electrical Engineering – University of Craiova – Romania
1986	Bachelor in Automation and Computers Engineering (Software engineering) – Faculty of Electrical Engineering - “Politehnica” University of Timisoara – Romania

Positions - current and previous

(Academic sector/research institutes/industrial sector/public sector/other)

Year	Job title – Employer – Country
2002 – present	Professor – West University of Timisoara – Romania
1999 – 2002	Associated Professor – West University of Timisoara – Romania
1994 – 1999	Lecturer - West University of Timisoara – Romania
1991 – 1994	Assistant - West University of Timisoara – Romania

Project management experience

(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)

Year	Project title - Role – link to project webpage
1.11.2023- 30.11.2023	UVT.EDU4Cybersecurity (Educație, performanță, competențe și colaborare în securitate cibernetică/Education, performance, skills and collaboration in cybersecurity) – CNFIS FSS-8835/7/2023 - Cybersecurity expert - https://avizier.uvt.ro/listing/anunt-selectie-echipa-proiect-uvt-edu4cybersecurity-2/
1.12.2022- 31.10.2025	KA220-HED-000086331 (Upskilling and certification scheme for virtual educators) VirtualEDU ERASMUS+ project - Researcher in economics - https://www.virtual-edu.eu/
1.12.2018- 31.08.2021	2018-1-RO01-KA204-049253 (Teaching and Educating for Sustainability) TeachSUS Erasmus+ project – Researcher in economy - https://www.teachsus.eu/about-the-project

13.05.2014 – 13.05.2015	FSE-POSDRU/156/1.2/G/137499 "Dezvoltarea și modernizarea curriculei în domeniul Informaticii Economice" (DEZIE)/Development and modernization of the curriculum in the field of Economic Informatics, UVT partner manager - https://cyberknowledgeclub.org/projects/dezvoltarea-si-modernizarea-curriclei-in-domeniul-informaticii-economicedezie/
01.10.2010 – 30.09.2013	FSE-POSDRU/87/1.3/S/63908 "Perfecționarea cadrelor didactice, din învățământul liceal, care predau discipline economice/The improvement of teaching staff in high school education, who teach economic subjects – UVT partner manager - https://fondurieuropea.centru.ubbcluj.ro/perfectionarea-cadrelor-didactice-din-invatamantul-liceal-care-predau-discipline-economice/
01.07.2010 – 30.06.2013	POSDRU/86/1.2/S/58160 „Sistem colaborativ integrat bazat pe cunoștințe pentru îmbunătățirea managementului universităților economice, în contextul Cadru Național al Calificărilor din Învățământul Superior” (SIMCE)/ Collaborative integrated system based on knowledge to improve the management of economic universities, in the context of the new National Framework of Qualifications in Higher Education – UVT key expert , http://www.simce.ase.ro/
5.01.2010 – 30.10.2013	POSDRU/92/3.1/S/56330 - Academia de antreprenariat bazat pe cunoaștere (AAC)/ Antreprenorial Academy based on Knowledge – UVT key expert - http://www.aac.ase.ro/
2008-2010	Research project PN II tip P_C 92-100/2008 Sisteme colaborative pentru managementul proiectelor economice (SICOMAP)/ Collaborative systems for the management of economic projects – UVT partner manager
2007-2010	Research project PN II tip P_C 91-047/2007, Sisteme inteligente de asistare a deciziilor economice (SIDE)/Intelligent systems for supporting economic decisions – UVT partner manager
2006-2008	Research project CEEX tip P-CD M1-C2-550 - UNI-C Strategii, sisteme, metode și instrumente pentru managementul cunoașterii în universități/ Strategies, systems, methods and tools for knowledge management in universities – UVT partner manager - http://www.mct-excelenta.ro/fileadmin/mct/2006/eligibilitate/M1_C2_2006_ELIGIBILE_FINAL_A_SITE.pdf
2005-2007	Research project A_C 8/2005, Sisteme informationale colaborative in economia globala/ Collaborative information systems in the global economy – UVT partner manager

Other relevant professional experiences

(e.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees and major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
2012 – 2023	Head of the Business Information System Department, Faculty of Economics and Business Administration, West University of Timisoara
2018 - present	Ph. D. supervisor in the field of Business Informatics, West University of Timisoara, Romania
2010-2018	Ph. D. supervisor affiliated with the doctoral school of Business Informatics, Academy of Economic Studies, Bucharest, Romania

2006-2012	associate teaching staff at the Academy of Economic Studies, Bucharest, Romania - holder of the discipline Multi-agent Systems/Multi-agent Platforms - IT&C Security Master Program, https://ism.ase.ro/about-us/partners-and-professors/
2006-2010	Member of the CNADTCU specialized commission for the confirmation of the university titles in Romania
2018-present	Member of Association of Information Systems (AIS)
2008	The "Tudor Tănăsescu" Award of the Romanian Academy for the book Data Structures, ed. ASE, 2008
2011	Diploma of Excellence for attracting funds through national and international projects in the university year. 2009-2010, diploma awarded by West University of Timisoara
2012	Diploma of Excellence for attracting funds through national and international projects in the university year. 2010-2011, diploma awarded by West University of Timisoara
2015	Jubilee diploma in appreciation of the contribution to the development of economic science and practice in universities, diploma awarded by Romanian Association of Economic and Business Faculties (AFER), 2015
2017	Diploma of merit in recognition of the activity carried out as a teacher, scientific researcher and university manager, diploma awarded by the Romanian Scientific Society of Management, 2017
2018	Award of research results - Articles, UEFISCDI Competition 2018, Evaluation results_List 8 - Articles published in 2018_updated 07.12.2018
2019	Award of research results - Articles, UEFISCDI Competition 2019, Evaluation results_List of 7 Articles published in 2019_Updated 12.12.2019
2023	Award of research results – UEFISCDI Competition – Web of Science Articles 2023 - PN-IV-P2-2.3-PRECISI2023-71373
2020 – present	Reviewer - Algorithms, ISSN 1999-4893; Computers, ISSN 2073-431X; Future Internet, ISSN 1999-5903; Information, ISSN 2078-2489; Processes, ISSN 2227-9717; Knowledge Science, Engineering and Management, ISBN: 978-3-319-12096-6, Springer
2016 – present	Member in the editorial board/Scientific Committee - Informatica economica Journal, ISSN 1453-1305; Economy - Informatics Journal, ISSN 1582-7941; Database Systems Journal, ISSN 2069 – 3230

C.2 Track record of the last 10 years

A list of the ten most important scientific outputs (publications, patents, technologies etc).

1. Wong, L.H.M, Hurbean,L., Davison, R. M., Ou, C.X. J., **Muntean, M.** (2022), *Working around inadequate information Systems in the workplace: An empirical study in Romania*, International Journal of Information Management, Vol. 64, 2022, ISSN 0268-4012, <https://doi.org/10.1016/j.jinfomgt.2022.102471>, AIS june2023 = 3,059
2. **Muntean, M.**, Militaru, F.D. (2022). *Design Science Research Framework for Performance Analysis Using Machine Learning Techniques*, Electronics. Special Issue “Advanced Machine Learning Applications in Big Data Analytics”, 11(16), 2505, AIS_{june2023} = 0.401
3. Voicu, M.C., **Muntean, M.** (2023). *Mobile Learning and Technology Enhanced Learning during COVID-19*, Electronics. Special Issue “Mobile Learning and Technology Enhanced Learning during COVID-19”, 12(4), 938, AIS june2023 = 0.401

4. **Muntean, M.**, Voicu, M.C. (2023). *Entry Level Employees' Perception of the Work Environment During and After the COVID-19 Pandemic*, Economic Computation and Economic Cybernetics Studies, vol. 57, issue 3, ISSN 0424-267X, AIS_{june2023} = 0.090
5. **Muntean, M.**, Brandas, C., Cristescu, M., Matiu. D (2021). *Improving Cloud Integration Using Design Science Research*, Economic Computation and Economic Cybernetics Studies, no. 1/2021, ISSN 0424-267X, AIS_{june2023} = 0.090
6. **Muntean M.** (2018). *Business Intelligence Issues for Sustainable Projects*, Sustainability. Special Issue "Knowledge Management, Innovation and Big Data: Implications for Sustainability, Policy Making and Competitiveness", 10(2), 335, <https://doi.org/10.3390/su10020335>, AIS_{june2023} = 0.526
7. **Muntean, M.**, Muntean C. (2013). Evaluating a Business Intelligence Solution. Feasibility Analysis based on Monte Carlo Method, Economic computation and Economic Cybernetics Studies and research, nr. 3, 2013, AIS_{june2023} = 0.090
8. **Muntean M.**, Brandas, C., Cirstea T. (2019), Framework for a Symmetric Integration approach, Symmetry, vol. 11, issue 2, <https://doi.org/10.3390/sym11020224> , AIS_{june2023} = 0.406
9. **Muntean, M.**, Dijmarescu, I. (2018). Sustainable Implementation of Access Control, Sustainability, 10(6), 1808, <https://doi.org/10.3390/su10061808>, AIS_{june2023} = 0.526
10. Mircea, G., **Muntean, M.**, Neamtu, M. (2018). Analysis of a Congestion Model in a wireless access Network with One Bottleneck Router and in TCP Flows, Economic computation and Economic Cybernetics Studies and Research, n0. 3/2018, AIS_{june2023} = 0.090

C.3 Narrative CV

A narrative summarizing which work has had the greatest importance and impact.

Over the years I have been involved in teaching some fundamental subjects in the field of economic informatics and business information systems, namely Databases and Data warehouses; Decision Support Systems; Business Intelligence, Knowledge Management; Advanced Business Reporting; Collaborative Systems, Big Data and Data Analytics.

Main research interest and results have been obtained in the field of Business Intelligence and Data analytics (Big Data Analytics). The approaches were strong connected to decision support in the current business environment. Machine learning algorithms were targeted in order to make predictions in a turbulent environment that is exposed to security attacks. We proposed a methodological framework based on design science research (DSR) for the design and development of data and information artifacts in data analysis projects. Artifact engineering aspects for machine learning algorithms include security and control aspects of the processed data.

As an overall visibility, we mention the values for H-index: H-index Web Of Science = 6; H-Index SCOPUS = 5; H-Index Google Scholar = 13.

9.03.2024

prof. univ. dr. Muntean Mihaela

Fișa de verificare a îndeplinirii standardelor

Conform Ordinului MENCȘ nr. 6129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare, Anexa 27 – Comisia de Științe Economice și Administrarea Afacerilor

Prof. univ. dr. MUNTEAN MIHAELA

Nrt. Articole publicate în reviste cotate ISI cu scor absolut de influență (AIS) nenul și publicații (cărți sau capitole în cărți) apărute la edituri naționale și internaționale (Maxim 10 publicatii)	N	M	AIS _{iunie2023}	Punctaj
1. Wong, L.H.M, Hurbean,L., Davison, R. M., Ou, C.X. J., Muntean, M. (2022), <i>Working around inadequate information Systems in the workplace: An empirical study in Romania</i> , International Journal of Information Management, Vol. 64, 2022, ISSN 0268-4012, https://doi.org/10.1016/j.informgt.2022.102471 , AIS _{june2023} = 3,059	2	6	3.059	16.5186
2. Muntean, M. , Militaru, F.D. (2022). <i>Design Science Research Framework for Performance Analysis Using Machine Learning Techniques</i> , Electronics. Special Issue “Advanced Machine Learning Applications in Big Data Analytics”, 11(16), 2505, AIS _{june2023} = 0.401	2	8	0.401	2.8872
3. Voicu, M.C., Muntean , M. (2023). <i>Mobile Learning and Technology Enhanced Learning during COVID-19</i> , Electronics. Special Issue “Mobile Learning and Technology Enhanced Learning during COVID-19” , 12(4), 938, AIS _{june2023} = 0.401	2	8	0.401	2.8872
4. Muntean, M. , Voicu, M.C. (2023). <i>Entry Level Employees’ Perception of the Work Environment During and After the COVID-19 Pandemic</i> , Economic Computation and Economic Cybernetics Studies, vol. 57, issue 3, ISSN 0424-267X, AIS _{june2023} = 0.090	2	10	0.090	0.8100
5. Muntean, M. , Brandas, C., Cristescu, M., Matiu. D (2021). <i>Improving Cloud Integration Using Design Science Research</i> , Economic Computation and Economic Cybernetics Studies, no. 1/2021, ISSN 0424-267X, AIS _{june2023} = 0.090	4	10	0.090	0.6300
6. Muntean M. (2018). <i>Business Intelligence Issues for Sustainable Projects</i> , Sustainability. Special Issue “Knowledge Management, Innovation and Big Data: Implications for Sustainability, Policy Making and Competitiveness”, 10(2), 335, https://doi.org/10.3390/su10020335 , AIS _{june2023} = 0.526	1	6	0.526	3.1560
7. Muntean, M. , Muntean C. (2013). <i>Evaluating a Business Intelligence Solution. Feasibility Analysis based on Monte Carlo Method</i> , Economic computation and Economic Cybernetics Studies and research, nr. 3, 2013, AIS _{june2023} = 0.090	2	10	0.090	0.8100

Fișa de verificare a îndeplinirii standardelor

Conform Ordinului MENCȘ nr. 6129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare, Anexa 27 – Comisia de Științe Economice și Administrarea Afacerilor

Prof. univ. dr. MUNTEAN MIHAELA

8.	Muntean M., Brandas, C., Cirstea T. (2019), <i>Framework for a Symmetric Integration approach</i> , Symmetry, vol. 11, issue 2, https://doi.org/10.3390/sym11020224 , AIS _{june2023} = 0.406	3	6	0.404	1.9392	
9.	Muntean, M., Dijmarescu, I. (2018). Sustainable Implementation of Access Control, Sustainability, 10(6), 1808, https://doi.org/10.3390/su10061808 , AIS _{june2023} = 0.526	2	6	0.526	2.8404	
10	Mircea, G., Muntean, M., Neamtu, M. (2018). <i>Analysis of a Congestion Model in a wireless access Network with One Bottleneck Router and in TCP Flows</i> , Economic computation and Economic Cybernetics Studies and Research, n0. 3/2018, AIS _{june2023} = 0.090	3	10	0.090	0.7200	
TOTAL P =					33.1986	
Nr. crt	Articolul citat	Citări în reviste cotate ISI cu scor absolut de influență (AIS) nenul sau citări în cărți publicate la edituri de prestigiu (Maxim 10 citari)			Punctaj	
1	Wong, L.H.M, Hurbean,L., Davison, R. M., Ou, C.X. J., Muntean, M. (2022), <i>Working around inadequate information Systems in the workplace: An empirical study in Romania</i> , International Journal of Information Management, Vol. 64, 2022, ISSN 0268-4012, AIS _{june2023} = 3,059,	Brooks, J.W., Oshri, I., Ravishankar, M.N. (2024). <i>Brokering workarounds in globally distributed work</i> , INFORMATION & MANAGEMENT , Vol. 61, Issue1, DOI 10.1016/j.im.2023.103903, ISSN 0378-7206 ,			AIS _{iunie2023} = 2.42, Q1	1.00
2		Tang, X.F., Wei, S.B., Chen, X.Y. (2024). <i>How do technology-driven stressors influence workarounds? Moderating roles of support structures and trait resilience</i> , INTERNATIONAL JOURNAL OF INFORMATION MANAGEMENT , vol. 74, DOI 10.1016/j.ijinfomgt.2023.102718, ISSN 0268-4012 ,			AIS _{june2023} = 3,059, Q1	1.00

Fișa de verificare a îndeplinirii standardelor

Conform Ordinului MENCȘ nr. 6129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare, Anexa 27 – Comisia de Științe Economice și Administrarea Afacerilor

Prof. univ. dr. MUNTEAN MIHAELA

3.		Yang, M.G., Sulaiman, R., Yin, Y.H., Mallamaci, V., Alrabaiah, H. (2022). <i>The effect of business intelligence, organizational learning and innovation on the financial performance of innovative companies located in Science Park</i> , INFORMATION PROCESSING & MANAGEMENT , Vol. 59, Issue 2, DOI 10.1016/j.ipm.2021.102852, ISSN 0306-4573	AIS _{June2023} = 2.39, Q1	1.00
4.	Muntean, M. , Danaiața, D., Hurbean, L., Jude, C. (2022). A Business Intelligence & Analytics Framework for Clean and Affordable Energy Data Analysis, Sustainability, Vol. 13, Issue 2, DOI 10.3390/su13020638	Huang, Z.X., Savita, K.S. Dan-yi, L, Omar, A.H. (2022). <i>The impact of business intelligence on the marketing with emphasis on cooperative learning: Case-study on the insurance companies</i> , INFORMATION PROCESSING & MANAGEMENT , Vol. 59, Issue 2, DOI10.1016/j.ipm.2021.102824, ISSN 0306-4573	AIS _{June2023} = 2.39, Q1	1.00
5.		Himeur, Y., Elnour, M., Fadli, F., Meskin, N., [3] ; Petri, I., Bensaali, F., Amira, A. (2023). AI-big data analytics for building automation and management systems: a survey, actual challenges and future perspectives, ARTIFICIAL INTELLIGENCE REVIEW , vol. 56, issue 6, DOI 10.1007/s10462-022-10286-2, ISSN 0269-2821	AIS _{June2023} = 1.53, Q1	1.00
6.	Voicu, M.C., Muntean, M. (2023). <i>Mobile Learning and Technology Enhanced Learning during COVID-19</i> , Electronics. Special Issue “Mobile Learning and Technology Enhanced Learning during COVID-19” , 12(4), 938, AIS _{June2023} = 0.401	García-Machado, J.J., Avila, M.M., Dospinescu, N., Dospinescu, O. (2024). <i>How the support that students receive during online learning influences their academic performance</i> , EDUCATION AND INFORMATION TECHNOLOGY , DOI10.1007/s10639-024-12639-6, ISSN 1360-2357	AIS _{June2023} = 2.55, Q1	1.00

Fișa de verificare a îndeplinirii standardelor

Conform Ordinului MENCȘ nr. 6129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare, Anexa 27 – Comisia de Științe Economice și Administrarea Afacerilor

Prof. univ. dr. MUNTEAN MIHAELA

7.		Normalini, M.K., Fei, Z., Mohamad, W.N., Saifudin, M.; Saleh, M. (2024). <i>SUSTAINABLE LEARNING ENVIRONMENT AMIDST THE PANDEMIC: AN ADOPTION OF MOBILE LEARNING READINESS AMONG UNDERGRADUATE STUDENTS IN MALAYSIA'S HIGHER INSTITUTIONS</i> , JOURNAL OF INFORMATION TECHNOLOGY EDUCATION RESEARCH . Vol. 23, DOI DOI10.28945/5256, ISSN 1547-9714	AIS _{June2023} = 1.00, Q1	
8.	Muntean M. (2018). <i>Business Intelligence Issues for Sustainable Projects</i> , Sustainability. Special Issue “Knowledge Management, Innovation and	Seddigh, M.R., Shokouhyar, S., Loghmani, F. (2023). <i>Approaching towards sustainable supply chain under the spotlight of business intelligence</i> , ANNALS OF OPERATIONS RESEARCH , Vol. 324, Issue1-2, DOI 10.1007/s10479-021-04509-y, ISSN 0254-5330	AIS _{June2023} = 1.31, Q1	1.00
9.	Big Data: Implications for Sustainability, Policy Making and Competitiveness”, 10(2), 335, https://doi.org/10.3390/su10020335 , AIS june2023 = 0.526	da Fonseca, E.P.R., Caldeira, E., Ramos, H.S., Oliveira, L.B.E., Pereira, A.C.M., Vilela, P.S. (2020). <i>Agro 4.0: A data science-based information system for sustainable agroecosystem management</i> , SIMULATION MODELLING PRACTICE AND THEORY , vol. 102, special issue SI, DOI 10.1016/j.simpat.2020.102068, ISSN 1569-190X	AIS _{June2023} = 1.07, Q1	1.00
10.	Muntean, M. , Cabau, L.G., Rînciog, V. (2014). <i>Social Business Intelligence: A New Perspective for Decision Makers</i> , Procedia Social and Behavioral Sciences, CHALLENGES AND INNOVATIONS IN MANAGEMENT AND LEADERSHIP 12TH INTERNATIONAL SYMPOSIUM IN MANAGEMENT Vol. 124 Page 562-567, DOI 10.1016/j.sbspro.2014.02.520, ISSN 1877-0428	Shafiee, M.M. (2022). <i>Competitive advantage via intellectual capital: a moderated mediation analysis</i> , JOURNAL OF INTELLECTUAL CAPITAL , Vol. 23, Issue 5, DOI 10.1108/JIC-05-2020-0152, ISSN 1469-1930	AIS _{June2023} = 1.28, Q1	1.00
TOTAL C =				10.0000

Fișa de verificare a îndeplinirii standardelor

Conform Ordinului MENCȘ nr. 6129/20.12.2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare, Anexa 27 – Comisia de Științe Economice și Administrarea Afacerilor

Prof. univ. dr. MUNTEAN MIHAELA

Punctaj S = P + C	43.1986
--------------------------	----------------

Condiții ce trebuie îndeplinite pentru abilitare conform art 4:

Situația îndeplinirii criteriilor

Criterii minime Abilitare	Punctaj obținut
S>4	43,1986
P>2	33.1986
C>1.2	10.000
Număr articole ISI cu AIS nenul	10
Număr articole ISI cu AIS >0.15	6
Număr articole ISI publicate în Core Economic & Infoeconomics	6

Timisoara, 24.04.2024

prof. univ. dr. Mihaela Muntean
Universitatea de Vest din Timisoara